

FINAL PROGRAM



10 – 11 April 2017

Novotel Bruges Centrum
Bruges, Belgium

Organized and Sponsored by

eurosis



ZORA
BOTS



SIEMENS



PROGRAMME AT A GLANCE

April 10

08.30-15.00 Registration
09.00-09.15 Welcome
09.15-10.00 Session
10.00-10.30 Coffee Break
10.30-12.30 Session
12.30-14.00 Lunch
14.00-15.00 Keynote
15.00-15.30 Coffee Break
15.30-18.00 Conference Visit to the Historium

April 11

09.00-12.30 Registration
09.00-10.00 Keynote
10.00-10.30 Coffee Break
10.30-12.30 Session
12.30-14.00 Lunch
14.00-15.00 Session
15.00-15.30 Coffee Break
15.30-17.00 Tutorial
17.00-17.15 Project Session
17.15-17.30 Closing Session
19.30-23.00 Conference Dinner

SCIFI-IT'2017 FINAL PROGRAMME

Overhead and LCD Projector are standard

The underlined authors are usually the presenters.

Conference Site: Begijnhof Room, [Hotel Novotel Brugge Centrum](#), Katelijnestraat 65B, B-8000 Bruges.

For any local information contact: 📞 Tel. +32.50 33 75 33, 📠 Fax: +32.50 33 65 56

✉ Email: H1033@accor.com

Coffee breaks are held in the hotel lobby while lunches are served in the hotel restaurant.

Only papers in gray boxes are eligible for the best paper award

Monday, April 10, 2017

08.30 - 15.00 **Registration**

09.00 - 09.15 **ROOM BEGIJNHOF- WELCOME**

Welcome Address

Helena Barbas, CICS.Nova – FCSH - UNL Lisbon, Portugal

09.15 - 10.00 **ROOM BEGIJNHOF- SESSION I**
SCIFI DESIGN PROTOTYPING I

09.15-10.00

Session Chairperson:

Vanda de Sousa, CICS.Nova – FCSH - UNL Lisbon, Portugal

DES_03

**Diegetic Prototypes - to Ware or Vapourware passing through
Solutionism and Paleo-Futures**

Helena Barbas **5**

Monday, April 10, 2017

10.00 - 10.30 **Coffee Break**

10.30 - 12.30 **ROOM BEGIJNHOF - SESSION II** **SCIFI DESIGN PROTOTYPING II**

10.30-12.30

Session Chairperson:

Helena Barbas, CICS.Nova – FCSH - UNL Lisbon, Portugal

DES_04

Interactive Transmedia vs Voronoi Diagram Expressions

Vanda de Sousa 13

DES_01

Enhancing Innovation Processes by Disruptive Technologies

Iris Gräßler, Patrick Taplick and Jens Pottebaum 19

SHOP_01

Designing your future with Science Fiction: From Shopping Mall to Tailored Shopping Experience

Gordon Fletcher, Anita Greenhill, Marie Griffiths and Rachel McLean 27

12.30 - 14.00 **Lunch**

14.00 - 15.00 **ROOM BEGIJNHOF - SESSION III** **KEYNOTE**

14.00-15.00

Session Chairperson:

Helena Barbas, CICS.Nova – FCSH - UNL Lisbon, Portugal



KEY_01

Search and rescue drones: From the labs to the field

Geert De Cubber, Royal Military Academy of Belgium, Brussels, Belgium

Monday, April 10, 2017

15.00 - 15.30 **Coffee Break**

15.30 - 18.00 **CONFERENCE VISIT TO THE HISTORIUM**

We will leave on foot from the Novotel at 15.30 to arrive at 16.00 hours at the Historium.

A visit is envisaged from 16.00 hours onwards to [The Historium](#) where participants will be able to enjoy [The Virtual Reality Medieval Bruges Experience](#). Historium aims to offer a [true and realistic experience of medieval Bruges](#).



To do so, hand tracking has been added so that you can fully experience 15th century Bruges. The experience goes one step beyond what you can see at home on your smartphone using VR glasses.

With the VR Experience you experience during 10 minutes medieval Bruges in a 360° virtual world.

After the Historium visit participants are invited to some beer tasting in [The Duvelorium](#).



Tuesday, April 11, 2017

09.00 - 12.30 **Registration**

09.00 - 10.00 **ROOM BEGIJNHOF - SESSION IV**
KEYNOTE SPEAKER

09.00-10.00

Session Chairperson:

Helena Barbas, CICS.Nova – FCSH - UNL Lisbon, Portugal



GAME_KEY_02

[Welcome to the Digital Age. Let's shape it together](#)

Vincent Nys, NewFusion, Walem, Belgium

10.00 - 10.30 **Coffee Break**

10.30 - 12.30 **ROOM BEGIJNHOF - SESSION V**
AUGMENTED VIRTUAL REALITY

10.30-12.30

Session Chairperson:

Vanda de Sousa, CICS.Nova – FCSH - UNL Lisbon, Portugal

AUG_01

Field Operator's Interface in Computer Simulator: Virtual Tours vs Virtual Reality

Victor M. Dozortsev, Alexey I. Frolov, Alexey Yu. Novichkov

and Valery P. Pogorelov **37**

Tuesday, April 11, 2017

AUG_03

Accented Visualization in Maintenance AR Guides

Anton Ivaschenko, Michael Milutkin and Pavel Sitnikov42

AUG_04

Application of Virtual and Augmented Reality in Automotive Measurement Processes

Andreas Faath, Christian Steinmetz and Reiner Anderl46

INTERFAC_01

“VRification”: Applying Virtual Reality to Digital Games

Daniel P. O. Wiedemann, Peter Passmore and Magnus Moar..... 55

12.30 - 14.00 **Lunch**

14.00 - 15.00 **ROOM BEGIJNHOF - SESSION VI**
VR & AR INTERFACES

14.00-15.00

Session Chairperson:

Helena Barbas, CICS.Nova – FCSH - UNL Lisbon, Portugal

INTERFAC_03

Adaptive Human Visualization in Medical Applications

Anton Ivaschenko, Nickolay Gorbachenko, Alexandr Kolsanov
and Aikush Nazaryan..... 59

INTERFAC_05

Applications of 3D-Measurement for Process Innovation

Eric Forkel, Jens Baum and Christian-Andreas Schumann..... 65

15.00 - 15.30 **Coffee Break**

Tuesday, September 11, 2017

15.30 - 17.00 ROOM BEGIJNHOF - SESSION VII TUTORIAL

15.30-17.00

Session Chairperson:

Helena Barbas, CICS.Nova – FCSH - UNL Lisbon, Portugal

Programming ZORA for a hospital environment

Hannes Laverge, Zorabots, Ostend, Belgium

17.00 - 17.15 ROOM BEGIJNHOF - SESSION VIII PROJECT SESSION

17.00-17.15

Session Chairperson:

Philippe Geril, EUROSIS, Ostend, Belgium

Project Proposal Presentation

Philippe Geril, EUROSIS, Ostend, Belgium

17.15 - 17.30 ROOM BEGIJNHOF - SESSION IX CLOSING SESSION AND BEST PAPER AWARD

17.00-17.15

Session Chairperson:

Philippe Geril, EUROSIS, Ostend, Belgium


CONFERENCE DINNER

19.30-22.00



The Conference dinner will be held on Tuesday the 11th of April at the [De Mangerie](#), in Bruges.

Oude Burg 20,
8000 Brugge

 Tel: +32.50 33 93 36

 Email: info@mangerie.com

SESSION CHAIR INFORMATION

Information for Session Chairs

Session Chairs are chosen on a voluntary basis by proposals by either authors or local committee members or are appointed by the Track Chairs, General Program Chair or General Conference Chair. They are responsible for their assigned session. They make sure their speakers are available, take care of the timing within the session, chair the discussion after each presentation and introduce each speaker based on the CV's given to them by the authors. In case they chair a session featuring **extended papers**, then they are required to distribute and collect the reviews of that or those papers at the beginning and end of the session. If they have time they should also indicate in their papers the number of session participants.



2018

SEE YOU ALL NEXT YEAR AT SCIFI-IT'2018

Proposals for special tracks/tutorials/demos can be sent in by OCTOBER 30th 2017

CONFERENCE LOCATION

Conference Venue



[Novotel Brugge Centrum](#)

Katelijnestraat 65B

B-8000 Bruges

Tel: +32.50 33 75 33

Fax: +32.50 33 65 56

E-Mail: H1033@accor.com



On the following pages you will find our scheduled events for the last months of 2017 and those already confirmed for 2018. Events from 2018 onwards will be posted on our website, under a new layout, which will come online in the autumn of this year

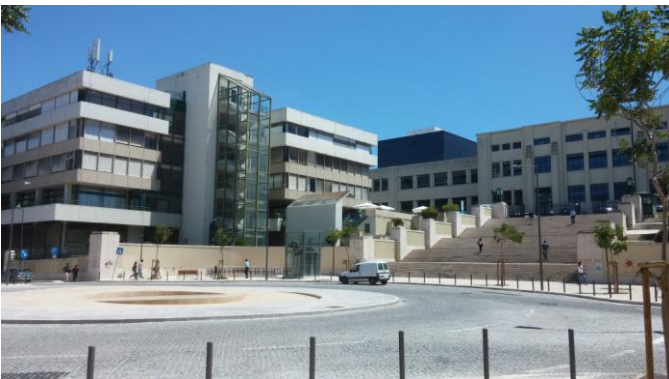
EUROSIS Forthcoming Conferences



ISC'2017, ECEC'2017 and FUBUTEC'2017 May 31st –June 2nd 2017, [Polish Academy of Sciences](#), Warsaw, Poland



GAMEON'2017, September 6-8, 2017, [Institute of Technology Carlow](#), Carlow, Ireland



ESM'2017, October 26-28, 2017, [IST Campus](#), Lisbon, Portugal.



[MESM'2017-GAMEON-ARABIA'2017](#), 20-22 November 2017, Dubai

EUROSIS Forthcoming Conferences



FOODSIM'2018, April 8-12, 2018, [Catholic University Louvain](#), Ghent, Belgium



ISC'2018, ECEC'2018, FUBUTEC'2018, June 6-8, 2018, University of Azores, Ponta Delgada, Portugal

NOTES

eurosis

EUROSIS was borne out of discussions with the European Community to set up a new kind of Society, which would be project driven instead of driven by pure membership and conferences.

The aim of the new Society is to set up topic related Technical Committees which link directly to European Projects in the field of computer simulation and related areas and to act as a knowledge pool for future European Networks of Excellence, like MOSAIC.

If you would like to receive more information about EUROSIS, please contact

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European Simulation Office
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Please send me info on EUROSIS:

Name:.....

Address:.....

.....

.....

Telephone:

Fax:

Email:

SCIFI-IT'2017 Registration Form

Please legibly print or type and fill out completely. (Check appropriate boxes where necessary)

FIRST NAME	LAST NAME	M.I.
COMPANY OR AFFILIATION		
Mailing address (tick one): <input type="checkbox"/> HOME <input type="checkbox"/> BUSINESS		
STREET		
CITY		
ZIPCODE	COUNTRY	
TELEPHONE	FAX	
E-MAIL		
DATE	SIGNATURE	
1. <input type="checkbox"/> EUROSIS member € 560 Member Number: _____		€ _____
2. <input type="checkbox"/> Members of Sponsor or Affiliate Society € 560		€ _____
3. <input type="checkbox"/> Non-Member Participant € 610		€ _____
4. <input type="checkbox"/> Student Participant € 400		€ _____
5. <input type="checkbox"/> Students, <u>who are not authors</u> but who wish to attend the conference, or ONE DAY PARTICIPANTS pay: € 380		€ _____
(Above registration fees include, one copy of the PROCEEDINGS, all midday meals, cocktail, refreshments, coffees and social program,) One Day Participants and Non-Author Students cannot participate in the conference dinner.		
6. <input type="checkbox"/> Conference Dinner Ticket for Companion € 75 <input type="checkbox"/> Lunch Ticket for Companion € 25/day		€ _____
7. <input type="checkbox"/> Extra Conference Proceedings € 40 Cash and Carry		€ _____
VAT Number if applicable: _____		
TOTAL AMOUNT DUE		€ _____
<u>ADD 21% VAT (Value Added Tax) OBLIGATORY</u>		€ _____
TOTAL AMOUNT REMITTED		€ _____

[] 2) Pay by **CREDIT CARD** and fill in the information below:

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